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U. S. Department of Agriculture

Kroh

Brothers

Nurseries

LOVELAND, COLORADO

Preferred Nursery Stock for the Rocky Mountain  
and Plains Region

1950

Our Nursery is one of the best equipped to serve your needs in the Rocky Mountain Region.

Easy access and prompt service for customers who come to the nursery.

Orders filled efficiently for shipping.

Excellent accommodations for housing our office, warehouse and storage.

Thorough understanding of fruit growing problems for this region, and practically flawless performance of fruit tree stock for orchardists.

Diversified stock for complete landscape plantings as well as many items for the gardener who plants incidental items from time to time.

#### Nationally Endorsed Roses

Consumers Reports magazine with national circulation, designates Kroh Brothers Nurseries as one of a select number of firms in the United States to be a consistently good and reliable source for roses. We are proud to have our roses merit this unsolicited recognition.

# *Western Grown for Western Planting*

The Rocky Mountain and Plains region comprise a distinct climatic area in that the higher altitude, limited rainfall, sudden temperature change, and the length of the growing season have a definite influence on plant growth. Evaporation of moisture from plants is high and must have a more highly developed root system to maintain a normal growth balance. Bark and wood cells also build up resistance to atmosphere and temperature.

Some varieties that do well in a lower, more moist climate will not adapt themselves to our growing conditions, and so cannot be considered. Fortunately, however, there are many varieties that have proven their adaptability here, and others are being tried and observed to enlarge the list of plant material especially suited to growing conditions in this area, both in fruit and ornamental stock. We take pride in participating in the leadership in testing plant material and bringing new proven hardy items to our western trade so that our customers may have the best nursery stock obtainable.

There can only be one conclusion in obtaining the greatest value in your purchase of nursery stock; if it is acclimated, correctly grown and properly handled you will realize the maximum results in transplanting; if the varieties are adapted you may expect a successful continued growth.

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## **Guarantee**

Our Nursery stock is guaranteed to be true to name and free from insect pests and diseases as certified by state inspection. Any stock proving otherwise will be replaced free, or at sellers option purchase price will be refunded. In no case will liability be accepted for more than original purchase price.

We guarantee our nursery stock to reach customer in good live condition, and we shall refill free any stock that does not reach customer in good condition provided we are notified immediately on arrival of order so that necessary claims can be filled with transportation company.

Since we have no control over climate or soil conditions or possible neglect by planter, it is impossible to guarantee trees and plants to grow. We do have confidence in the nursery stock we send out, however, and will replace any stock, sold at regular retail, that fails to leaf out the first summer at one-half the **current retail each-rate** prices provided the customer notifies us before Sept. 1 following planting, with half price remittance to be made with report. No replacements can be made on stock planted unseasonably, against our advice, or where customer is notified of non-replacement before purchase; guarantee and replacements are void in case full payments are not made when due.

# Fruit Trees and Plants

## A GUIDE FOR SELECTING VARIETIES OF FRUITS

We doubt whether there is another section that has such a range of climatic conditions as has the Rocky Mountain and Plains region. Exposure and altitude are more varying factors than latitude. Our mountain ranges, as a rule, afford zones of protection along the base of the mountains and within sheltered valleys where fruit growing more readily expands to commercial proportions. In many parts of this section, existing plantings of fruits have already pointed out what will or will not do well in a certain area. Here are suggestions, however, if you are in doubt as to what might grow best in your locality. In all cases soil and watering should be favorable, and windbreaks where necessary.

**SECTION I:** In the higher exposed plains of the Eastern slope, up to about 6,500 feet and the higher mountain valleys—Crab Apples, Gooseberries, Currants, Garden Roots, Hardy Cheyenne Strawberries.

**SECTION II:** In the more agricultural sections of the exposed Eastern Slope plains and mountain valleys up to 7,000 feet—All items in Section I in addition to Yellow Transparent, Wealthy, Cortland, Haralson, McIntosh, N. W. Greening and Sheriff varieties of apples; Beta Grapes; Hardy Cheyenne Strawberries.

**SECTION III:** Where there are more moderate climatic conditions on the Eastern Slope, especially in the irrigated sections of around 5,000 feet or less, mountain valleys, and the Western Slope up to 6,000 feet—All items in Sections I and II in addition to Sour Cherries, European Plums; Additional Apple varieties; Pears, Strawberries, Raspberries, Grapes, (advisable to cover Raspberries in winter).

**SECTION IV:** In the Western Slope districts of 5,000 feet or less and the southern part of the Rocky Mountain region, there are many localities where the more tender fruits, such as peaches, can be grown successfully in addition to all items in Sections I, II and III.



## Apples

### Please Note

Since the same sizes are not always available in all varieties of apples; we designate with each variety below which sizes are in stock. These are designated as Sizes 1, 2, 3 and 4. This current size range reflects two and three year stock; the trunk diameter reflects their high average of sturdiness.

### Summer Varieties

✓ **RED JUNE.** August. Medium size; deep red, good flavor; productive. Sizes 1, 2, 3, 4.

✓ **YELLOW TRANSPARENT.** Ripens in August. A splendid early cooking and eating apple; medium to large, pale yellow fruit. Hardy, bears young. Sizes 1, 2, 3, 4.

✓ **WHITNEY CRAB.** August. Hardy, good bearer; fruit small to medium, striped red and green, fine for eating and canning; sweet and crisp. Sizes 1, 2, 3, 4.

## Fall Varieties

✓ **WEALTHY.** September. Fine, reliable bearer of large red-striped, tender, juicy, slightly sub-acid fruit. When considering fall apples, this should be one of the first. Sizes 1, 2, 3, 4.

## Winter Varieties

✓ **CORTLAND.** Beautiful red apple of McIntosh percentage of slightly later season. The flesh is firmer but just as juicy and has very similar delightful aroma and flavor. Hardy and very desirable for commercial or home planting. Sizes 1, 2, 3, 4.

✓ **DARK RED DELICIOUS.** Often referred to as Double Red. A much improved Delicious, turning completely red before it is ripe. Otherwise it has the same fine flavor of Common Delicious. Sizes 1, 2, 3, 4. (See following page for Hardi-Graft Delicious.)

✓ **YELLOW DELICIOUS.** This beautiful yellow apple is a bright golden yellow, sweetly acid flavor, and commands high market prices. This variety is a good bearer, beginning at early age. Sizes 1, 2, 3, 4.

✓ **HARALSON.** A new Minnesota variety that is proving its top rank as a winter commercial variety in this section. Trees are vigorous and hardy and bear at early age. Fruit is large, red with deeper stripes, fine grained and tender; excellent keeper. Sizes 1, 2, 3, 4.

✓ **JONATHAN.** Medium size of finest quality; bright red, fine flavor; moderate grower, Sizes 1, 2, 3, 4.

✓ **MCINTOSH.** Deep red, good size with crisp, tender, snow-white flesh. Has extremely pleasing flavor and distinct pleasant aroma. Above the average in hardiness and dependability. Season late fall and early winter. Sizes 1, 2, 3, 4.

✓ **NORTHWESTERN GREENING.** A good winter cooking apple, large, greenish-yellow, firm. Productive bearer. Sizes 1, 2, 3, 4.

✓ **RED SHERIFF.** An adapted variety especially popular in Northern Colorado. Makes shapely tree; bears young and is consistent. Apples good size and quality; color red with orange shading. Distinctive flavor which many rate next to Delicious; longer keeper; tree better adapted. Sizes 1, 2, 3, 4.

✓ **TURLEY.** The most handsome of the Winesap-type apples we have seen fruiting in this section. Fruit size is large; color is a good solid red. Texture firm and crisp, with appealing sprightly Winesap flavor; good keeper. Size 3.

## Crab Varieties

✓ **DOLGA.** Has very brilliant red fruit of small size, borne freely. Sprightly flavor; makes rich colored jelly. Fall. Blossoms, fruit and shape makes it desirable as ornamental tree. Sizes 1, 2, 3.

✓ **FLORENCE.** Very hardy. A medium size tree bearing abundant crops of small yellow and bright red apples for jellies and preserving. Fall. Sizes 1, 2.

**WHITNEY.** See summer apples.

Prices apply to choice of varieties described above, alike or assorted.

Size	Appr. Ht.	1-4	5-15	16-25
No. 1 $\frac{3}{4}$ to 1-in. trunks	5-7 ft.	\$1.60	\$1.55	\$1.50
No. 2 11/16-in. trunks	5 ft.	1.35	1.30	1.25
No. 3 9-11/16-in. trunks	4-6 ft.	1.10	1.05	1.00
No. 4 7-9/16-in. trunks	3-5 ft.	.85	.80	.75

**Special larger size:** Trunk size of 1 to 1 $\frac{1}{4}$  in. diam. in the following varieties—Red June, Y. Transparent, Wealthy, Red Delicious, McIntosh, N. W. Greening. Rates, 1 to 4 trees, \$2.00 ea, 5 to 15 trees, \$1.90 ea.

## Hardi-Graft Delicious

Although Delicious apples, both Red and Yellow are among the most popular, they could be just a bit more hardy in some situations to withstand an occasional severe winter on the eastern slope. Top-grafting on sturdy crabapple stock has been practiced in our own orchards with very beneficial results. Trunk blemishes have been practically eliminated and growth progress has been more constant.

**Double Red Hardi-Graft Delicious 5 to 7 ft. Each \$2.00. 4 to 6 ft. Each \$1.65.**

**Yellow Hardi-Graft Delicious 5 to 7 ft. Each \$2.00.**

## New 1-Tree Apple Orchard

An outstanding innovation for saving space on a small plot of ground in the way of growing tree fruit. This is not merely a horticultural novelty, but is also practical and makes it possible to pick several kinds of fine quality apples from a single tree in the same season.



The above tree is a few years old and starting to bear. Photograph shows grafts as growing from the main trunk. Note thrifty appearance of the trunk, which is the special hardy crabapple.

The apples grafted on the are regular standard varieties consisting of Red Delicious, Yellow Delicious, McIntosh, Turley, Red June and Jeffris. These varieties are selected for early, medium, and late ripening, uniformity of growth, and blight resistance.

In ordering, please state the height tree wanted and number of varieties. The sets of varieties are not classified on the Four and Five variety trees, although one or more of your favorites from the above group will very likely be on any certain tree.

<b>Four variety</b>	<b>5 to 5 ft.</b>	<b>Six variety</b>
\$2.50	\$3.00	\$3.50
<b>Four variety</b>	<b>5 to 6 ft.</b>	<b>Six variety</b>
\$3.00	\$3.50	\$4.00
<b>Four variety</b>	<b>6 to 7 ft.</b>	<b>Six variety</b>
\$3.50	\$4.00	\$4.50
<b>Four variety</b>	<b>7 to 8 ft.</b>	<b>Six variety</b>
\$4.25	\$4.75	\$5.25

Grafting skill converts just one tree into a miniature orchard with as many as 5 and 6 varieties on the same tree.

The "ONE-TREE ORCHARD" has advantages over dwarf fruit trees, saving even more space and is better adapted to western soils.

We have given special attention to the foundation stock for this particular type of tree. For assurance of the best continuous vigorous growth we use exclusively an especially hardy thrifty, blight-resistant variety of crabapple which serves as the trunk.

Practically the same care and maintenance given an ordinary apple tree would also apply to this particular type. Some pruning may be necessary to maintain spacing and fairly equal proportions among the different limbs. Trees with the most varieties are more likely to be benefited in regulating growth by pruning.



## Cherries

Caliper means diameter in inches at the base of the tree trunk. In our practice of producing stocky, well-branched trees so necessary for successful development in our western climate, the height to which we grow them is of secondary importance.

**EARLY RICHMOND.** Ripens about July 1; fruit medium sized, red. Sizes 4, 5.

**ENGLISH MORELLO.** Ripens late July. Fruit large, nearly black, very attractive. Starts bearing heavily at early age. Size 1, 2, 3, 4, 5.

**MONTMORENCY.** The best all around sour cherry grown. Ripens mid-July; fruit large, bright red. Leading commercial variety. Sizes 1, 2, 3, 4, 5.

**OSTHIEM.** Nearly black; tender and juicy with rich delicious flavor. Ripens mid-July; has the sweetest flavor of the sour cherry varieties. Size 5.

### Varieties Alike or Assorted

Size	Caliper In.	Appr. Ht.	Price each in lots of		
			1-4	5-15	16-25
1	¾ to 1	4 ft. up	\$2.05	\$2.00	\$1.95
2	11/16	3½ ft. up	1.85	1.80	1.75
3	9/16 to 11/16	3 ft. up	1.60	1.55	1.50
4	7/16 to 9/16	2½ ft. up	1.30	1.25	1.20
5	5/16 to 7/16	2 ft. up	1.10	1.05	1.00

## SWEET CHERRIES

**YELLOW GLASS.** Sweet cherries are not always fully hardy in the Eastern Slope and Plains country. Yellow Glass has withstood the climate better than other varieties. Attractive golden yellow fruit of good size; firm flesh and sweet flavor. Sizes 1, 2, 3.

**WINDSOR.** Large purple-black sweet cherry that is firm and crisp. Thought to be slightly harder than other black sweet cherries such as Bing and Tatarian. Size 3.

### Prices of Yellow Glass and Windsor Cherries

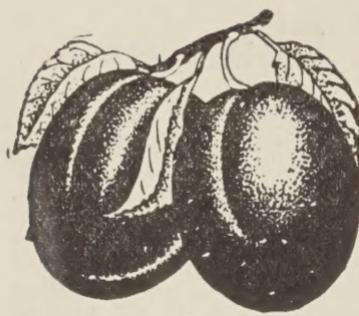
Size	Trunk	Ht.	Each in lots of	
			1-4	5-15
1	11/16 in. trunk, 4½ ft. and up		\$2.25	\$2.20
2	9-11/16 in. trunk, 4 ft. and up		1.85	1.80
3	7-9/16 in. trunk, 3 ft. and up		1.60	1.55
	(Standard grades, branched and Whips)			



Photograph of typical young cherry orchard planted by one of our customers. Such results are possible with only the finest nursery stock.

## Hansen Bush Cherry

A hardy and very useful type fruit growing to about 4 ft., excellent to supplement tree fruits. Bears many small, sweet, dark plum-like fruits; starting to bear very soon after transplanting. 2 to 3 ft., each 75c; three for \$2.10; per ten, \$6.00.



## Plums

### American Type

**EMBER.** Fine northern plum of large size; keeps well after picking. Color yellow with glowing red cheek. Sizes 3, 4.

**GOLDENROD.** Unique in its pure golden yellow coloring, and at the

same time has fine crops of very delightful flavored medium to large fruit maturing about midseason. Size 1, 2, 3.

**GOLDEN WEST.** Heavy bearing, very hardy golden yellow plum with glowing orange overcast; medium size. Less subject to spring frost by late blooming habit. Sweet delicious flavor. Sizes 3, 4.

**KAHINTA.** This is an outstanding plum on account of its very large fruit. Color is red; good flavor, and can stand handling for market. Trees thrifty. Sizes 1, 2, 3, 4.

**SUPERIOR.** Plum of very large size. Color red with yellow flesh; fine pleasing flavor. Originated in Minnesota; tree vigorous and productive. Sizes 1, 2, 3, 4.

**COMPASS CHERRY-PLUM.** Small, wine red distinct flavor. Very hardy and early bearer. Sizes 1, 2, 3, 4.

**WANETA.** August. Fruit very large, deep bright red thin skin; delicious flavor. Sizes 1, 2, 3, 4.

### European Type

**GREEN GAGE.** Very gratifying in rich mild delicious sweet flavor. Medium to large size. August. Sizes 1, 2, 3.

**ITALIAN PRUNE.** Oval shape purple delicious fruit, juicy but firm. Freestone. September. Sizes 1, 2, 3.

### Stanley Prune

We recommend it as the top prune, particularly in Section III. Under observation over ten years, and growing it here, we find—It has shown no winter killing—Makes rapid thrifty growth—Bears young, frequently in three years—ripens ten days before other prunes—Sets heavy crop and bears just about as regularly as apples—**Fruit is large, deep bluish-purple, firm and sweet, excellent quality fresh or canned.** Has merit in both commercial and home planting. Sizes 1, 2, 3, 4.

**LOMBARD.** Medium large variety of dark violet red color, favored by many. Has yellow juicy flesh of mild delicious flavor. Prolific bearer. Late August Sizes 1, 2, 3.

### Varieties alike or assorted

Size	Caliper In.	Approx. Ht.	1-4	5-15
1	11/16 & up	4 1/2 ft & up	\$1.75	\$1.70
2	9-11/16	4 ft. & up	1.45	1.40
3	7-9/16	3 ft. & up	1.15	1.10
4	5-7/16	2 ft. & up	.90	.85

(Inquire at Nursery about special sizes in some plum varieties larger than listed.)

## Pears

**BARTLETT.** The leading late summer pear. Large yellow with blush. Juicy, sweet, high quality. Sizes 1, 2, 3, 4.

**FLEMISH BEAUTY.** Fruit large with russet and blush shading; juicy sweet flavor. Propagated from local tree with fine record. Sizes 1, 2, 3, 4.

**MENDEL.** Minnesota origination that is hardy, vigorous, self-pollinating, and blight resistant; bears fine quality sweet, juicy fruit about Bartlett size. Ripens September and can be stored a month or two if desired. Sizes 1, 2, 3, 4.

**TAIT.** Very hardy variety of Canadian origin. Although medium to small in size, fruit is delightfully sweet and juicy when ripe about first week in September. This variety is very thrifty and blight resistant. Sizes 1, 2, 3, 4.

**Prices of Pear trees alike or assorted**

Size	Caliper In.	Approx. Ht.	1-4	5-15
1	11/16 & up	4 1/2 ft. & up	\$1.75	\$1.70
2	9-11/16	4 ft. & up	1.45	1.40
3	7-9/16	3 ft. & up	1.15	1.10
4	5-7/16	2 ft & up	.90	.85

**PEACHES** and **SWEET CHERRIES** are generally not recommended northerly on the eastern slope of the Rockies and Plains. However many a back yard or home orchard tree in Colorado has on occasions borne lovely crops of these fruits. Western Slope districts are of course nationally famous for these and other more tender tree fruits.

## Peaches

**ELBERTA.** The greatest commercial peach on the market today. Fruit large, yellow with red cheek, juicy and highly flavored. September.

**HALEHAVEN.** Highly popular recent introduction. Produces firm large fruit, yellow with generous red shading. Excellent flavor.

**POLLY.** White freestone having more cold resistance than the average variety. Has luscious flavor, juicy but firm. Late August.

**Peach prices, alike or assorted**

Caliper In.	Appr. Ht.	1-4	5-15	16-25
9/16	4 ft. up	\$1.25	\$1.25	\$1.15

## Small Fruit



## Grapes

All vines are heavily rooted 2-year No. 1 size, unless otherwise noted.

**CONCORD.** The widely planted blue-black grape. Price, each 35c; \$3.00 per 10.

**BETA.** Where a rugged grape is required this deserves very serious consideration. A cross between Concord and wild grape and will adequately support the home needs for jell and juices. Hardy without protection. Ideal for arbors and fences. Each 40c; \$3.50 per 10.

**CACO.** A new red grape among the earlier ripening varieties. Bunches are compact and of good size and form. Pleasant sweet flavor. Price each 45c; \$4.00 per 10.

**NIAGARA.** Productive "white" variety. Large berries mature to light greenish-yellow; has sweet mellow flavor. Price, each 40c; \$3.50 per 10.

**FREDONIA.** A new very early delicious black grape, with large berries and bunches. Ripens two weeks ahead of Concord. Price each 40c; \$3.50 per 10.

## New Thornless Boysenberry

The sensational berry originated in recent years, and now offered in the improved thornless strain. A cross from Loganberry, Raspberry, and Blackberry parentage, of very large size and wonderful flavor; purple color. Canes require winter protection under exposed conditions. (Plants guaranteed to be in good live condition on arrival only.) Price for 4, 80c; per 12, \$2.15; per 25, \$3.75.

# Raspberries

## BLACK CUMBERLAND.

The largest and very best black-cap. Vigorous growth and prolific. One year plants, per dozen \$1.60; per 25, \$3.00; per 100, \$11.00.



**INDIAN SUMMER—Everbearing.** A popular new red raspberry that fruits in early summer on old canes if protected over winter, and again later in the season on the new canes. Berries larger than St. Regis, but mature later. Price per dozen, \$1.95; per 25, \$3.75; per 100, \$14.00.

**ST. REGIS—Everbearing.** A good standard variety for years, bearing delicious medium to large red berries on canes carried over winter and continuing till fall on new canes. Matures fall crop earlier than Indian Summer; recommended where season is shorter. Price per dozen, \$1.75; per 25, \$3.25; per 100, \$12.00.

**NEWBURG.** Outstanding variety ripening a few days ahead of Latham; disease resistant. Berries very large, bright red, and do not crumble; heavy bearer. This has the largest fruit of any red raspberry we have ever grown. Heavy grade plants: price per dozen, \$1.50; per 25, \$2.75; per 100, \$10.00. Medium grade plants: per dozen, \$1.20; per 25, \$2.25; per 100, \$7.50.

# Currants

**PERFECTION.** A standard of "Perfection" in currant varieties. One of the finest in size, appearance and quality; large bright red berries in compact clusters. Price 2 year No. 1 plants, each 45c; per 10, \$4.00; strong three year plants 75c each, 3 for \$2.10.

**NEW RED LAKE CURRANT.** The finest of all red currants—Large Berries—Excellent Quality—Long Well-Filled Clusters—Superior Yields. A Minnesota introduction that has become a leading variety for home and commercial growers. Price 2 year No. 1 plants: each, 50c; per 10, \$4.50; strong three year plants 85c each, or 3 for \$2.40.

# Gooseberries

**CHAMPION.** A vigorous, very productive variety; planted extensively for commercial use; each to pick. Large greenish-yellow when ripe. 2 year, No. 1 plants each, 50c; per 10, \$4.50.

**PIXWELL.** Fine new variety from the north. Very hardy, vigorous, heavy yielding. Berries large light green maturing to pink. Name Pixwell derived from long stems for easy reach and sparse thorns. Colorful autumn foliage. Two year No. 1 plants each 85c; 3 for \$2.40.



# Strawberries

**GEM.** A more hardy everbearing variety producing a constant succession of fruit all summer and fall. Berry is dark red, good size, excellent quality, and has a prominent strawberry flavor. Price per 25, \$1.15; per 50, \$2.00; per 100, \$3.75.

**EVERMORE.** (Minn. 1166.) New everbearer. Minnesota introduction producing large conical berries of rich red color; flesh also red. Pleasing flavor. Field tests indicate exceptional winter hardiness. Price per 25, \$1.40; per 50, \$2.50; per 100, \$4.50.

# New Winter Hardy Strawberries

## Cheyenne 2 and Cheyenne 3

Unsurpassed hardiness with delightful flavor and aroma from Rocky Mountain wild strawberry parentage.

Originated at the Cheyenne Horticulture Field station, Cheyenne, Wyo., U. S. D. A. experiment station. Results of crossing Rocky Mountain wild strawberries for hardiness with outstanding commercial varieties, Dorsett and Fairfax. Outstanding winter survival at Cheyenne without mulch where practically all other commercial varieties have killed out with mulch.

Opens great new home garden strawberry possibilities in the severe dry winter climate of the Great Plains and mountain area where growing strawberries has not been practical before.

**CHEYENNE 2.** Parentage — Fairfax and Rocky Mountain native strawberry. Above medium in size, almost as large as Fairfax and Dorsett. Long conic shape, bright red with tender red flesh. Excellent quality with highly aromatic sweet berries. Ripens early to midseason. Very winter hardy and makes abundance of runners.

per 25	50	100	200	300
\$1.00	\$1.75	\$3.00	\$5.50	\$7.50

**CHEYENNE 3.** Parentage — Fairfax and Rocky Mountain native strawberry recrossed with Fairfax. The fruit is large, rich red in color, with tender but firm flesh, ripening several days later than Cheyenne 2; has pleasing delicious flavor. Largest in size of the Cheyenne varieties, and, together with firmness, suggests commercial use as well as a home garden variety.

per 25	50	100	200	300
\$1.10	\$2.00	\$3.25	\$6.00	\$8.25

## Garden Roots



**ASPARAGUS.** Mary Washington, the leading rust-resistant variety. 2 year No. 1 plants. Price per dozen, 85c; per 25, \$1.35; per 100, \$4.50.

**HORSERADISH.** Price, 3 for 50c; per doz., \$1.65.

**RHUBARB, Victoria.** Medium size, tender stalks. Price, 3 for 60c; per doz., \$2.10.

## NEW IMPROVED RHUBARB

**RUBY RED.** Improved tender red rhubarb. Outstanding feature is the dark red color the full length of the stalk as well as being red through the center. Makes sweet, fine flavored, beautiful red sauce with less sugar. Each 60c; 3 for \$1.55; 6 for \$3.00.

**CANADA RED.** More recent improvement. Considered the heaviest yielding of the red-red deliciously mild improved rhubarbs. So highly colored that even leaf veins show red as well as the "red-through" color of stalks. Each 70c; 3 for \$1.95; 6 for \$3.60.

# Ornamentals for Beauty



Practically  
every family  
has pride in the

appearance of the home grounds. Selection of trees shrubs, evergreens, vines and flowering plants that are adapted and their use in an orderly manner make it possible for practically everyone to have the pleasure of homes with attractive surroundings.

Whether it be additions to the home landscape by degrees or complete plantings, there is no investment that can be made in home improvement that is as reasonable in proportion. Structural improvements and home furnishings of course are essential, but the investment for landscaping is the only one in which the per dollar value will increase instead of depreciate.

## SHRUBS For Flowers and Foliage

The planting sizes of the different varieties listed here are described by height. We wish to stress the fact that height is given for stock that has been transplanted one or more times and has a heavy, well developed root system and well branched top. This stock should not be confused with light grades of easily propagated stock that is often featured by mail at low prices.

Numbers following names represent approximate height at maturity under average normal conditions.

**ALMOND, Double Pink Flowering.** 5-6 ft. Branches thickly studded with double pink rose-like blossoms in spring before leaves appear. Does best in protected location. 2 to 3 ft. each \$1.25.

**BARBERRY, *mentorensis*.** 4-5 Plant patient 99. Semi-evergreen upright shrub carrying heavy thick, dark green foliage changing with frost to pleasing autumn shades. Leaves continue to adhere nearly all winter. Gives air of refined simplicity and beauty to a planting. 24 to 30 in. each \$1.65.

**BARBERRY, *thunbergi*** 4 ft. Dwarf shrub used extensively in foundation planting, groups and hedges. Full branching habits; rich green foliage turning to red in autumn; red berries. 18 to 24 in. each 75c.

**BARBERRY, Red Leaf.** 4 ft. The same as Barberry *thunbergi* except for colorful bronzy red foliage all summer long. Locate in sunlight for best color. 18 to 24 in. each \$\$1.00.

**BUTTERFLY BUSH "DUBONNET."** Summer Lilac. 4 to 6 ft. A new dark wine dubonnet colored Buddleia with firm, large, spikes and individual flowers of good size. Blooms from July on. Perennial shrub. Will bloom first year. Strong plants, each 75c.

**CARYOPTERIS MONGOLICA** Also referred to as "Blue Mist" 20 to 30 in. Dwarf very hardy shrub with grey-green foliage surmounted by quantities of orchid-like flowers of fascinating powder blue in cymes up to a foot in length. Blooms in July and Aug.; lasts well as cut flower. Blooms first year. 4 year plants, each \$1.25.

**CARAGANA, arborescens.** "Siberian Pea Tree." 10 to 12 ft. Very hairy tall shrub for specimens, screens or hedges; attractive locust-like foliage, green stems. Small yellow pea-shape blossoms May-June, 2 to 3 ft., 75c. 3 to 4 ft., \$1.00; 4 to 5 ft. (heavy) \$1.50; 5 to 6 ft. (heavy), \$1.75; (For hedging grades, see under Hedge and Windbreak plants.)

**CURRENT, Golden Flowering.** 5 to 6 ft. A handsome hardy shrub bearing a profusion of bright yellow tubular flowers, April-May. Foliage appears early and assumes beautiful autumn colors. 2 to 3 ft. each \$1.00.

**COTONEASTER, acutifolia.** 6 ft. Very hardy shrub assuming shapely proportion. Foliage rich dark green, glossy on upper side, medium in size and fairly dense. Beautiful autumn color; profusion of blue-black berries in fall. Sun or shade. 2 to 3 ft., each \$1.25.

**DOGWOOD Red Stem (Stolonifera)** 6 to 8 ft. Distinct feature is the red bark during winter. Carries good foliage in summer. Has 2 to 3 inch white flower cluster in May-June followed by whitish berries. 2 to 3 ft. each \$1.10.

**FORSYTHIA, fortunei, Golden Bells.** 6 to 8 ft. Upright arching branches bearing many early bright yellow flowers in April. Blooms best following mild winter and spring in protected places 2 to 3 ft., each 90c.

**FLOWERING QUINCE "CRIMSON BEAUTY."** 5 to 6 ft. A special selected strain with beautiful pure rich crimson flowers without orange shading. Bush becomes blaze of color in spring before leaves mature. Blooms best following mild winter and spring in protected place. 2 to 3 ft., each \$1.45, 18 to 24 in. each \$1.20.

**HONEYSUCKLE alberti.** 2 ft. Dwarf spreading habit of growth with narrow blue-green foliage; attractive fragrant waxy pink flowers in May. Very hardy. 2 to 3 ft. each \$1.75.

**HONEYSUCKLE korolkowi.** Blue Leaf Honeysuckle. 8 to 10 ft. Foliage has a distinct blue cast; beautiful bright pink blossoms in profusion May-June followed by red berries. Graceful arching growth; hardy. 2 to 3 ft. each \$1.10; 3 to 4 ft. each \$1.35.

**HONEYSUCKLE Pink Tatarian.** 8 to 10 ft. Hardy, vigorous shrub that develops rapidly. Bears quantities of pink blossoms in May-June followed by bright red berries. 2 to 3 ft. each 90c.

**GINNALA MAPLE.** 10-15 ft. A graceful small tree or large shrub. Bright green foliage cut in typical Maple pattern turns brilliant red in autumn. 2 to 3 ft. each \$1.00.

**HONEYSUCKLE, zabeli. True Red Honeysuckle.** 8 to 10 ft. Habit of growth resembles the Pink Tatarian, but the distinct difference is in the decided rose-crimson color of the blossoms which is in contrast with the rose and pink shades of other honeysuckles. Blossoms May-June followed by scarlet berries; very hardy. Stock limited. 2 to 3 ft., each \$1.10; 3 to 4 ft. \$1.35, 4 to 5 ft. each \$1.75.

**HYDRANGEA, A. G.** 3 to 5 ft. Bears very large clusters of snow-white flowers, July-Aug., and rather large foliage. Usually starts from ground in spring in this climate. Not recommended in strongly alkaline soils. 3 year plants, each \$1.00.

**JAPONICA.** An incomplete name usually referring to Flowering Quince. See above listing.

**MOCK ORANGE, Coronarius** fl. pl. 8 to 10 ft. This is a strain of the very popular sweet-scented Mock Orange with a generous display of white blossoms in May-June. 2 to 3 ft. each \$1.00.

**MOCK ORANGE, Virginal.** 6 to 8 ft. Medium grower, bearing many beautiful fragrant semi-double flowers over a long season from May on. 2 to 3 ft., each \$1.25.

((ORNAMENTALS, SHRUBS, Continued)

**POTENTILLA** *fruticosa*. **Shrubby cinquefoil** 3 ft. Very hardy dwarf shrub that has an unusually long blooming season; small yellow flowers from June to Aug.; shade or sun. 18 to 24 in., each 85c; 2 or 3 ft., each \$1.25.

**POTENTILLA** *farreri*. 3 ft. Also referred to as P. Golddrop. A new shrub that is a "find" among dwarf varieties. Trimly shaped bushes have fairly dense green finely divided foliage which is surmounted by a generous profusion of small bright golden yellow blossoms in June, continuing intermittently into the summer. Hardy; sun or partial shade. 12 to 15 in., each 85c; 15 to 18 in., each \$1.10; 18 to 24 in., each \$1.35.

**NINEBARK** *Dwarf*. 4 to 5 ft. A medium low growing shrub giving a fine trim appearance with its compact form and dense attractive green foliage. Neat white flower clusters appear about June 1. 2 to 3 ft., each \$1.00.

**NINEBARK** *Opulifolius*. 8 to 9 ft. Well formed shrub with clustered white spirea-like flowers in June. 2 to 3 ft., each 85c.

**PRIVET** *Amur River*. This variety is chiefly used as stock for trimmed hedges. Is satisfactory up to about 5,000 feet elevation and in reasonably fertile soil. See Hedge Plants.

**PRUNUS CISTENA**. **Purple Leaf Plum**. 5 to 7 ft. Very colorful shrub. Plum like foliage is deep blood red while forming, changing to bronzy green; small pink flowers in May. Adds variety and contrast. 18 to 24 in., each \$1.25; 2 to 3 ft. each 1.60; 3 to 4 ft. \$1.85.

**LILAC—SYRINGA**



This class of shrubs is of great value for Western planting; they are hardy, drouth-resistant, and unexcelled during their blooming season for beauty and fragrance. Lilacs are also characterized by rich, durable and luxuriant foliage.

**COMMON PURPLE LILAC**. 10-12 ft. The fine old familiar species, with its full panicles of lavender-purple blossoms and impressive fragrance. 2 to 3 ft. each \$1.00; 3 to 4 ft., each \$1.25.

**HUNGARIAN LILAC**. 8 to 10 ft. Blooms about two weeks after Common Lilac; flowers deep lilac to violet. Has rich dark green foliage and neat habit of growth. Flowers seldom affected by late freezes. 2 to 3 ft., each \$1.25; 3 to 4 ft., each \$1.50; 4 to 5 ft., each \$1.75.

**PERSIAN LILAC, Rothamogensis type**, 8 to 10 ft. Flowers few days later than Common Lilac; color attractive lilac shade with rosy overcast. Medium size foliage and graceful habits of growth. Starts blooming young, and is one of the most satisfactory of lilacs. 2 to 3 ft., each \$1.10.

**HYBRID LILACS**

**CONGO**. A French hybrid Lilac having deep wine-red blossoms. Bushes similar in appearance to common lilac, but with decided difference in color of flowers. 2 to 3 ft. each \$1.75.

**PRUNUS NEWPORT.** 10 to 12 ft. Can be grown as small tree or large shrub, growing taller than P. Cistena. Foliage carries a rich cast of reddish purple throughout the season. 3 to 4 ft., each \$1.75; 4 to 5 ft., each \$2.15; 5 to 6 ft. each \$2.50.

**PRUNUS TOMENTOSA.** Nanking Cherry. 8 to 10 ft. Very desirable shrub heavily laden with light pink bloom before leaves develop. Bears red cherry-like fruit of fair size and good flavor often used for preserving. Neat branching habit and well furnished with dark green foliage. 2 to 3 ft., each \$1.25; 3 to 4 ft., each \$1.50.

**PRUNUS TRILoba.** Also known as Flowering Almond, Flowering Plum, and "Rose Tree of China." 5-7 ft. A charming shrub of vigorous growth. In spring the whole bush is decked with quantities of very double pink blossoms just as the leaves begin to appear. Foliage also attractive. 18 to 24 inch, each \$1.25; 2 to 3 ft., each \$1.60; 3 to 4 ft., each \$1.85.

**SHEPHERDIA argentea.** Buffalo Berry. 8 to 10 ft. Hardy shrub withstanding extremes of cold and also drouth resistant. Silver gray foliage is excellent for contrast; edible scarlet berries are colorful in the fall. 2 to 3 ft., each \$1.00; 3 to 4 ft., each \$1.25.

**SNOWBALL, Common.** 8 to 10 ft. Well known shrub forming many balls of pure white flowers in May-June. 2 to 3 ft. each \$1.25.

**SNOWBERRY, White** (Racemosus) 4 to 5 ft. Of fairly compact growth; attractive green foliage. Tiny pink flowers in June followed by large white berries remaining into winter. 2 to 3 ft., each 75c.

**SNOWBERRY, Red.** (Coralberry) 4-5 ft. Attractive variation from the white Snowberry in that it has smaller red berries that cluster in ropes along the stems and with slightly darker foliage. 18 to 24 inch, each 60c; 2 to 3 ft., each 75c.

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**SPIREA arguta.** 5 ft. to 6 ft. Upright shrub with bright green narrow foliage. Exceptionally profuse in clouds of small white bloom in April-May; earlier than Vanhoutte. 18 to 24 in., each, 75c; 2 to 3 ft., each \$1.00.

**SPIREA Frobeli.** 3 to 4 ft. A summer blooming dwarf spirea with crimson pink flower clusters. Purplish foliage in spring and autumn. 3 yr. clumps, ea. 85c.

**SPIREA Van Houtte.** 5 to 6 ft. Well known popular shrub, sometimes called "Bridal Wreath." Graceful habit of growth, and is a "fountain" of white flowers in late May. 2 to 3 ft., each 75c; 3 to 4 ft., each \$1.00.

**SUMAC cismontana.** Dwarf Sumac. 5 to 6 ft. An uncommon type that differs in its dwarfer habit and very dark glossy foliage. Has red fruit clusters and rich red autumn foliage. 2 to 3 ft., each 85c.

**SUMAC, Staghorn.** 15 to 18 ft. A large shrub or tree; colorful red foliage and scarlet fruit clusters in autumn. 3 to 4 ft., each \$1.00; 4 to 5 ft., each \$1.25.

**TAMARIX Hispida.** 10 to 15 ft. One of the hardest and best Tamarix; has feathery silvery foliage; bright coral-pink flowers, June-July. In bloom longer than any other variety. (For best success, Tamarix should be cut back at least half when planting.) 2 to 3 ft., each 85c; 3 to 4 ft., each \$1.10; 4 to 5 ft., each \$1.35.

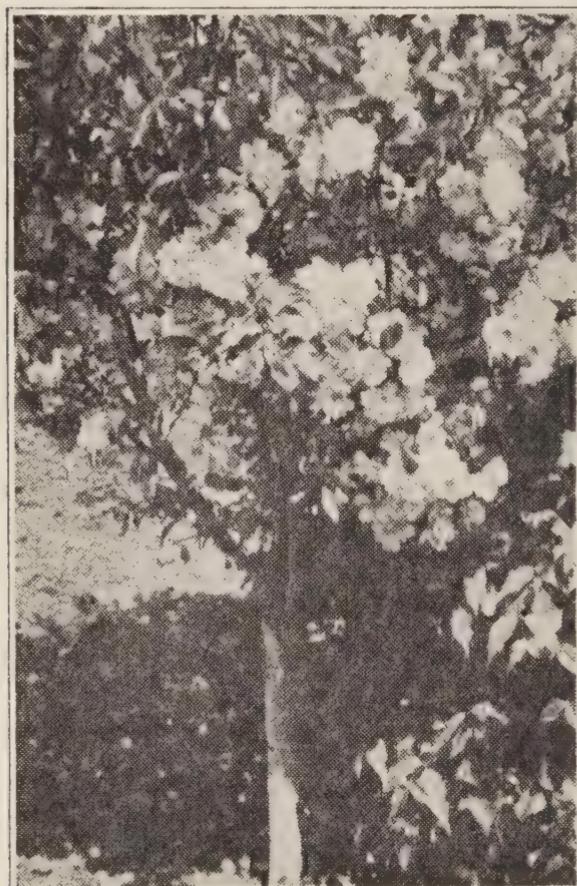
**VIBURNUM Lantana.** "Wayfaring Tree" 8 to 10 ft. Upright growing shrub with heavily veined rich green foliage. Heads of white flowers in June, followed by red and black berries. 2 to 3 ft., each \$1.25; 3 to 4 ft., each \$1.60; 4 to 5 ft., each \$2.00.

# Shade and Ornamental Trees

Both beauty and comfort are gained by planting trees. In the following list are outstanding varieties for background and framing, for shade, specimens and screens.

The numerals following the name is approximate height at maturity in feet.

**ASH, Green Ash.** 40 to 50 ft. One of the most durable shade trees in dry, cold climates. Makes a round headed tree with attractive green foliage. 6 to 8 ft., each \$2.00; 1½ to 1½ in. caliper, each \$4.50; 1½ to 2 in. caliper, each \$5.75.



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**CRAB, Bechtels.** 12 to 15 ft. A dwarf crab bearing many rose-like large double pink flowers in May. A standard of excellence in flowering crabs. 2 to 3 ft., each, \$1.35; 3 to 4 ft., each, \$1.85.

**CRAB, Dolga.** 20 ft. A first rate hardy ornamental as well as bearing very useful fruit for jells. White flowers followed by highly colored small crimson apples. 5 to 6 ft., each \$1.75; heavy 6 to 8 ft., ea. \$3.50.

**CRAB, Hopa. (Red Flowering Crab).** 20 to 25 ft. Striking rosy red flowers followed by bright red fruit; foliage has a soft bronzy tinge. A choice hardy variety. 5 to 6 ft., each \$1.90; 6 to 8 ft., each \$2.50.

**CRAB, Red Silver.** 18 to 20 ft. Has dull maroon foliage with delicate silver shading with somewhat cut leaf shape. Flower buds are rich red in color, remaining definite red in color when expanded. Small dark red fruits. 4 to 5 ft., each \$2.00; 5 to 6 ft., each \$2.25; 6 to 7 ft., each \$2.75.

**BIRCH, Cut Leaved Weeping.** 30 to 40 ft. A very graceful and attractive tree with drooping limbs and delicately cut foliage; silvery white bark. 5 to 6 ft., each \$3.25; 6 to 7 ft., each \$4.00; 7 to 8 ft., each \$4.75.



**ELM, Chinese.** 40 to 50 ft. Also known as Siberian Elm. An extremely rapid grower, with slender, almost wiry branches carrying its dense graceful foliage over a long season.

The remarkable growth of Chinese Elm with limited moisture, together with its attractiveness have made it a favorite in the Great Plains region. Planting is not advised where moisture is excessive, or at higher elevations where growing season is short.

Prices apply to transplanted, correctly shaped trees.

	Price Each	Per 10
5 to 6 ft. -----	\$1.25	\$11.00
6 to 8 ft. -----	1.65	15.00
8 to 10 ft. -----	2.50	

#### SPECIAL GRADE CHINESE ELM

Real economy in Quick Growing shade trees. This offer consists of trees selected out of stock that has not been transplanted, which can be used for individual planting. The root system is not as well developed, nor are the tops trained as in the above transplanted stock. These cannot be guaranteed at prices quoted except that trees are in good live condition when delivered; with a little extra care in starting, etc., and pruning the trees, results can be very favorable.  
Special 4 to 5 ft. size, ea. 60c; 3 for \$1.50; per 10, 4.50  
Special 5 to 6 ft. size, ea. 80c; 3 for \$2.10; per 10, \$6.50  
Special 6 to 7 ft. size, ea. \$1.00; 3 for \$2.70; per 10 \$8.50

For windbreak see page 17.

**HACKBERRY.** 40 to 50 ft. Habit of growth is very similar to American Elm. Branches are strong and wiry and tree is remarkably free from insects and disease. A very durable and sturdy shade tree. 6 to 8 ft., each \$2.75; 8 to 10 ft., each \$3.75; 1½ to 1½ inch caliper, each \$4.75; 1½ to 2 inch caliper, each \$5.75; 2 to 2½ inch caliper, each \$7.50.

**HAWTHORNE.** *Crataegus mollis.* 15 to 18 ft. Hawthornes contribute character to any planting. Leaves apple-shape but blunt and rigid; also darker green. White one-inch blossoms in spring followed by many one-inch scarlet fruits in fall. Grown with one or more standards. 3 to 4 ft. each \$3.00; 4 to 5 ft., each \$3.75.

**HORSECHESTNUT.** 30 to 40 ft. A tree of desirable ornamental and specimen value making a dense head by virtue of compound hand shaped leaf clusters. Has thick branchlets. Early flower clusters followed by large nut-like fruits. 5 to 6 ft. (1¼ in. cal.) each \$4.75; 6 to 8 ft. (1½ in. cal.) each \$5.75.

**HONEYLOCUST, Thornless.** 50 ft. We recommend this as possibly the outstanding tree for general planting in the west central plains. Grows in most western soils, rather drouth resistant, and above average in freedom from insect pests and diseases. Has attractive pinnate or fernlike foliage and branches are not subject to snow breakage. Rate of growth moderate; does not sucker. Selected thornless strain. 8 to 10 ft., each \$3.75; 1½ to 1½ inch caliper, each \$4.75; 1½ to 2 inch caliper, each \$5.75; 2 to 2½ inch caliper, each \$7.50; 2½ to 3 inch caliper, each \$9.50.

(SHADE AND ORNAMENTAL TREES, Continued)

**LINDEN, American.** 50 ft. A pleasing tree that could well be planted more extensively in many localities. Of moderate growth, rounded to pyramidal in shape; large heart-shaped leaves; fragrant blossoms. 1½ to 2 inch caliper, each \$6.25; 2 to 2½ inch caliper, each \$8.00; 2½ to 3 inch caliper, each \$10.50.

**MAPLE, Soft or Silver.** 60 to 80 ft. The well known rapid growing variety; foliage light colored on underside. 6 to 8 ft., each \$2.25; 8 to 10 ft., each \$3.00; 1¼ to 1½ inch caliper, each \$4.00; 1½ to 2 inch caliper, each \$5.00.

**MAPLE, Schwedler. Purple or Red Leaf Maple.** 40 to 50 ft. One of the most attractive Maples in cultivation. As the broad leaves unfold and develop in the spring, the tree is a mass of reddish purple foliage maturing to a dark bronzy green. 7 to 8 ft. whips, each \$3.00; 6 to 8 ft. branched, each \$4.75; 8 to 10 ft. branched, each \$5.75.

**MOUNTAIN ASH, European.** 20 to 30 ft. Nicely proportioned ornamental tree with rich green fern-like foliage; bears clusters of white blossoms in late spring succeeded by highly ornamental orange-red berries in fall. 8 to 10 ft., each \$4.75.

**POPLAR, Lombardy.** 50 to 60 ft. Very rapid, narrow spire-like growth. Branches grow upright close to trunk; leaves green with broad, solid outline. Used for tall screens and formal planting. 6 to 8 ft., each \$1.35; \$12.50 per ten; 8 to 10 ft., each \$1.85; \$17.50 per ten.

**OAK Burr.** 50 to 60 ft. The Burr Oak is considered better adapted to western soils and climate than other tree-type oaks. Develops into a round stately tree. 1¼ to 1½ inch caliper, each \$7.75; 1½ to 2 inch caliper, each \$9.50.

**OAK, English.** 50 to 60 ft. Develops into pleasing oval shaped top with rich green foliage; not colored in fall like some oaks, but better adapted. Plantings observed over a decade have proven successful. 6 to 8 ft., each \$4.75; 8 to 10 ft., each \$6.50; 1¼ to 1½ inch caliper, each \$7.75.

**POPLAR, Bolleana.** 50 to 60 ft. Beautiful narrow pyramidal tree with upright growth for tall screens and accent; rapid growing. Foliage is rich deep green, lobed, and silvery underneath; bark is smooth bluish green summer and winter. Inquire at nursery.

**POPLAR, Silver.** 60 to 80 ft. A quick grower with grey bark; maple-like foliage is dark green on upper side and white on underside. Makes large friendly tree where others are difficult to start. Inquire at nursery.

**POPLAR, sargentii. Cottonless Cottonwood.** 50 to 60 ft. This is the regular Western Broadleaf Cottonwood that has been propagated from infertile trees and will not bear cotton; noted for hardiness. 6 to 8 ft., each \$1.75; 8 to 10 ft., each \$2.25.

**RUSSIAN OLIVE.** 20 to 25 ft. One of the hardier trees. Has narrow silvery foliage and stems; small very fragrant blossoms. Fine for specimens, screens and hedges. 3 to 4 ft., each 90c.

**WALNUT, Black.** 60 to 80 ft. The well known shade, timber, and nut tree. Trees here offered have been transplanted and should establish themselves easily. 3 to 4 ft., each \$1.25.

**WILLOW, Niobe Weeping.** 30 to 40 ft. Has very attractive golden bark and long, pendulous branches; beautiful in summer and of striking appearance in winter. 5 to 6 ft., each \$1.85; 6 to 8 ft., each \$2.35; 8 to 10 ft., each \$3.00.

## Hedge and Windbreak Plants

The following varieties of trees and shrubs are some of the most satisfactory for trimmed hedges, informal hedges, screens, borders, and windbreaks. We briefly point out possible recommended uses of the varieties listed below.

Trimmed hedges have plants spaced from 6 to 12 inches or more apart with 9 to 12 inches being most common. Hedging stock should be trimmed back severely ( $\frac{1}{2}$  or more) when planted to induce thick growth at the bottom. For screens or borders, plants are usually spaced from 18 inches to several feet apart, depending on the variety and the effect desired.

Windbreaks consist of one or several rows. Where several rows are used, the lower growing variety is placed on the outside, or windward side. Caragana, for example, and graduating with a taller variety, such as Russian Olive, and a still taller variety on the inside, such as Chinese Elm. For average conditions, and especially on dryland, Chinese Elm from 6 to 12 ft. apart, Russian Olive from 5 to 10 ft. apart and Caragana from 3 to 5 ft. apart are the outstanding varieties.

Further description of the following varieties is noted in listing of large landscape sizes under trees and shrubs.

**BARBERRY, Thunbergi.** Low trimmed hedge or informal hedge. Not so successful at higher altitudes or in strongly alkaline soils.

**CARAGANA.** Trimmed hedge 2 $\frac{1}{2}$  to 5 ft. Screen, border or windbreak.

**HONEYSUCKLE, TATARIAN.** Trimmed hedge 3 to 5 ft.; also border or screen. Fast growing; hardy.

**PRIVET, Amur River.** Trimmed hedge, 2 to 4 ft.

**RUSSIAN OLIVE.** Windbreak; trimmed hedge 4 to 6 ft.; tall screen or border.

**SPIREA VAN HOUTTE.** Informal hedge; screen or border.

#### PRICES OF HEDGES AND WINDBREAK PLANTS

Generally, this class of material is smaller lighter stock than that listed under Trees and Shrubs unless here referred to as "heavy transplants."

	25	100
Barberry, thunbergi, 1 $\frac{1}{2}$ to 2 ft. ....	\$ 6.50	\$22.50
Caragana, 9 to 12 in. ....	1.50	4.50
Caragana, 1 to 1 $\frac{1}{2}$ ft. ....	2.00	6.50
Caragana, 1 $\frac{1}{2}$ to 2 ft., regular ....	2.75	10.00
Caragana, 2 to 3 ft., regular ....	4.00	14.00
Caragana, 3 to 4 ft., regular ....	5.00	18.00
Caragana, 2 to 3 ft., 2 cane ....	5.50	20.00
Caragana, 3 to 4 ft., 2 cane ....	7.50	28.00
Honeysuckle, Tatarian, 1 $\frac{1}{2}$ to 2 ft. ....	6.75	24.00
Privet, Amur River, 1 $\frac{1}{2}$ to 2 ft., 3 cane ....	5.50	20.00
Privet, Amur River, 1 to 1 $\frac{1}{2}$ ft., 3 cane ..	4.50	16.00
Russian Olive, 6 to 12 inch ....	1.50	4.75
Russian Olive, 2 to 3 ft. ....	4.25	15.00
Spirea Van Houtte ....	7.00	25.00

#### CHINESE ELM

The use of Chinese Elm for windbreaks has exceeded that of any other deciduous variety in the plains area the past 15 years or more because of rapid growth, drouth resistance and thick branching habit. Also used for quick growing trimmed hedges of 4 to 7 ft.

	per 25	per 100
9 to 12 inch .....	\$ .75	\$ 2.75
2 to 3 ft. ....	2.25	7.50
3 to 4 ft. ....	3.75	12.00
4 to 5 ft. ....	5.50	20.00
5 to 6 ft. ....	8.00	30.00

# Climbing Vines

## Strong Two and Three-Year Grades

**CLEMATIS, Jackmanni.** 10 to 15 ft. One of the most beautiful vines grown. Open flowers from four to six inches across; rich velvety purple. In full bloom in July. Supply subject to available stock; inquire at nursery.

**ENGLEMAN IVY.** 30 to 40 ft. Neat, hardy self-climber on brick or stone walls; brilliant autumn colors. Rapid growing; very hardy and dependable. Each 70c.

**GRAPE, Beta.** The most dependable hardy grape for covering arbors and fences. String 2-yr. plants, ea. 50c.



### SILVER LACE VINES

**HONEYSUCKLE, scarlet Trumpet.** 15 to 20 ft. Desirable vine with red tubular flowers over rather long period during summer. Has rich dark foliage remaining late in fall. Each 75c.

**SILVER LACE VINE.** 20 to 25 ft. Very rapid growing vine with fresh green foliage decorated with clouds of fragrant, foamy white flowers from July on. Each 85c.

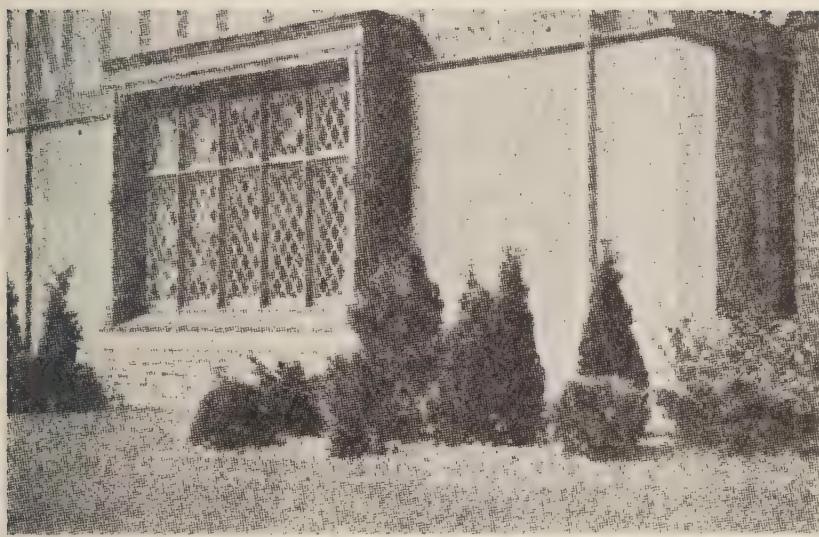
**CLIMBING ROSES** are an ever popular subject for trellises. Our climbing roses are listed separately under section titled "Climbing Roses."

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### NOTES ON PLANTING

Exposing roots to sun and air should be avoided. Dig holes plenty large to hold roots without crowding, with bottom of hole fully as wide as the top. A good rule is "The harder the hole is to dig, the larger it needs to be." Poor soil, gravel, and rubbish should be replaced entirely with good soil to give plants a fair chance. Refill holes with top soil first around the roots. Caution: Raw fertilizers and manure in contact with roots causes burning and, if used, should be mixed sparingly with the planting soil. When hole is refilled with soil around the plant roots, apply water until every inch is soaked to the bottom of the roots. Prune shade trees and shrubs back 1/4 to 1/3 for faster recovery from transplanting. In cutting back the branches, conform with the general normal shape.

# EVERGREENS



Modern landscaping has given evergreens a very important place in home beautification.

Most important of all is the warm, green cheerfulness of varied foliage textures in the winter landscape when other ornamentals are without foliage or flowers. Summer and winter, evergreens give an air of friendliness and distinction to any planting.

Careful skill is devoted to digging our evergreens with ample ball of earth to give assurance of continued successful growth.

## Upright Junipers

These are the pyramidal evergreens very frequently planted close to buildings, along with low evergreens and shrubs. The outline and height can be influenced by shearing.

**SCOPULORUM JUNIPER,** or Colorado Silver Juniper. This is the hardy western upright variety. Growth conical and densely branched; foliage of pleasing texture, with blue shading of color prevailing. 3 to 3½ ft., each \$9.00; 3½ to 4 ft., each \$10.50; 4 to 4½ ft., each \$12.00; 4½ to 5 ft., each \$13.50; 5 to 5½ ft., each \$14.75; 5½ to 6 ft., each \$16.25; 6 to 7 ft., each \$18.25.

## Grafted Upright Junipers

The following varieties each originate as selections of outstanding specimen parent trees which have been increased by grafting. Each variety is distinct and beautiful; however all trees of the same variety are identical in type and color, permitting matched pairs or groups. All varieties below are of *J. Scopulorum* specie except Cannart which is a *J. Virginiana* strain.

**CANNART JUNIPER.** Foliage distinctive rich deep green and usually displays numerous silvery-blue berries when well established. 2½ to 3 ft., each \$9.00; 3 to 3½ ft., each \$10.50; 3½ to 4 ft., each \$12.00; 4 to 4½ ft., each \$14.00.

## (GRAFTED UPRIGHT JUNIPERS, Continued)

**MOFFETTI JUNIPER.** One of the best. Upright pyramidal habit of growth, compact and shapely with very little trimming. Attractive greenish-silver color. 3 to 3½ ft., each \$10.50; 3½ to 4 ft., each \$12.00; 4 to 4½ ft., each \$14.00.

**SUTHERLAND JUNIPER.** Has a natural full-bodied habit of growth; compact with very little trimming. Medium to dark green in color. 2½ to 3 ft., each \$9.00; 3 to 3½ ft., each \$10.50.

**WELCHI JUNIPER.** Well proportioned tree with natural upright growth habit of branches that are above average in density. Even shade of silvery-green. 3 to 3½ ft., each \$10.50; 3½ to 4 ft., each \$12.00; 4 to 4½ ft., each \$14.00.

## Low Growing Junipers

(Low growing evergreens are measured by the average diameter of their spread.)

**PFITZER JUNIPER.** A low spreading juniper, one of the best; foliage attractive blue-green of soft mossy appearance. 18 to 24 in., each \$6.95; 2 to 2½ ft., each \$8.00; 2½ to 3 ft., each \$9.50; 3 to 3½ ft., each \$11.25.

**SABINA JUNIPER.** Low growing type with numerous upright fan-shaped branches, with tufted dark green foliage. Excellent for foundations, groups or low borders. 15 to 18 inch, each \$5.85; 18 to 24 inch, each \$6.75; 2 to 2½ ft., each \$7.75.

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## SPRUCE

**COLORADO BLUE SPRUCE.** This is one of the choicest and most beautiful of all evergreens with its symmetric pyramidal form and color. Is exceptionally well adapted for wide range of planting and is one of the hardiest.

There is a natural color variation of trees of this species even in seedlings from the same parent tree, and these we classify as Select Blue, Average Blue, and Green color types. Aside from color there is no difference; in groups, the contrast between the blues and greens make pleasing combinations. Rate of growth 6 to 12 inches or more per year.

**SELECT BLUE TYPE:** 2 to 2½ ft., each \$7.75; 2½ to 3 ft., each \$9.75; 3 to 3½ ft., each \$11.75; 3½ to 4 ft., each \$13.75.

**AVERAGE BLUE TYPE:** 2 to 2½ ft., each \$6.75; 2½ to 3 ft., each \$8.50; 3 to 3½ ft., each \$10.25; 3½ to 4 ft., each \$11.75.

**GREEN TYPE:** 2 to 2½ ft., each \$5.75; 2½ to 3 ft., each \$7.25; 3 to 3½ ft., each \$8.75; 3½ to 4 ft., each \$10.25.

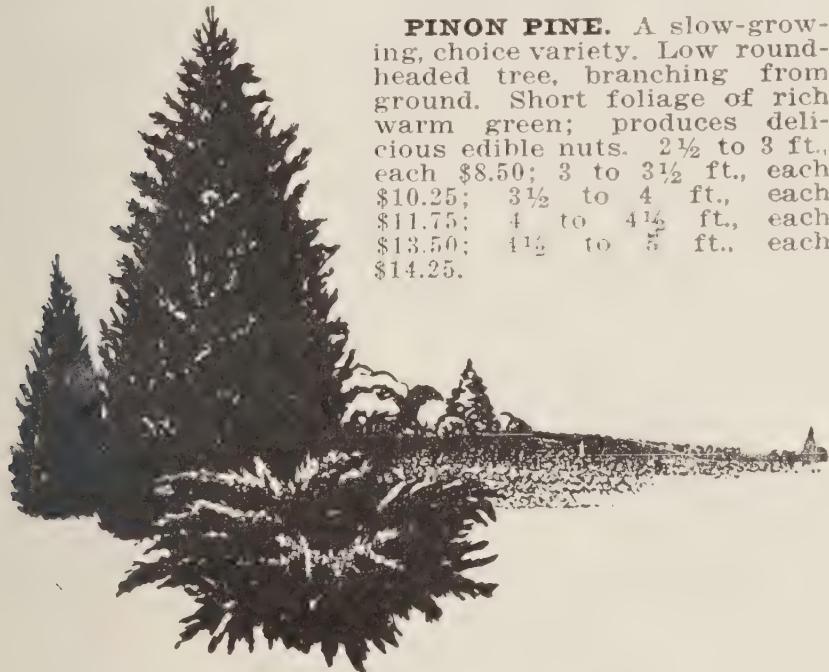
(Larger spruce or exceptions to average color or conformation priced according to value upon application or by personal selection. Special crating if required, charged at cost.)



## PINES

**MUGHO PINE.** The popular low-growing compact pine that fits in so well in foundation plantings, as specimens or in groups. 18 to 24 in., each \$6.85; 2 to 2½ ft., each \$7.95.

**PINON PINE.** A slow-growing, choice variety. Low round-headed tree, branching from ground. Short foliage of rich warm green; produces delicious edible nuts. 2½ to 3 ft., each \$8.50; 3 to 3½ ft., each \$10.25; 3½ to 4 ft., each \$11.75; 4 to 4½ ft., each \$13.50; 4½ to 5 ft., each \$14.25.



## Baby Size Evergreens

These are the same varieties described above, except that the following are not Balled and Burlapped. All are three times transplanted, well rooted, branched, and nicely started. Roots packed in moss. These should all start if carefully handled and cared for. Guaranteed to be in good condition on delivery only.

**PFITZER JUNIPER.** 12 to 18 inch, \$1.95 each; 3 for \$5.55.

**SABINA JUNIPER.** 15 to 18 inch, \$2.35 each; 3 for \$6.75.

**SCOPULORUM JUNIPER.** 15 to 18 inch, \$1.95 each; 3 for \$5.55.

**COLORADO SPRUCE,** Green Type, 18 to 24 inch, \$2.75 each; 3 for \$7.95.

**COLORADO SPRUCE.** Green Type, 12 to 18 inch, \$1.95 each; 3 for \$5.55.

**COLORADO SPRUCE.** Green Type, 9 to 12 inch, \$1.20 each; 3 for \$3.30.



Roses in all their beauty and fragrance can be enjoyed in almost any garden. For best success with Everblooming roses, good fertile soil, several hours daily sunshine, and good thrifty planting stock are required. Where soil is poor, it should be replaced with good top-soil to a depth of 18 to 24 inches for the rose bed. A six-inch mound of soil or leaves over the crown of the plant is a good means of winter protection. In many localities, climbing roses should be laid down for winter and entirely covered. Hardy Shrub Roses need no protection and are not exacting as to soil.

Our list of roses represents a very careful selection in all colors from a great number of varieties. You will find a number of choice new creations of recent years as well as some of the old favorites that cannot be replaced because of their lasting merits.

## **Everblooming Roses**

**Finest Western 2 year No. 1 Field Grown Bushes**  
**Price each \$1.15; ten for \$10.50**

### **YELLOW SHADES**

**GOLDEN RAPTURE.** Long lasting well-shaped buds and double blooms of rich yellow on long stems. A recent variety of fine quality.

**JONNA HILL.** The buds are large, long pointed and open to large full, semi-double attractive flowers of soft yellow with darker center.

**McGREDDY'S YELLOW.** Bright buttercup yellow flowers of good form and substance. Glossy bronzy green leaves; reddish stems.

**MRS. PIERRE S. DU PONT.** Medium sized long-pointed bud of a reddish gold opening to semi-double cupped lasting flower of deep golden yellow.

**SOEUR THERESE.** Long pointed buds of Chrome-yellow, heavily marked with carmine; open flower of rich daffodil-yellow. Sweet briar fragrance.

**SOUVENIR DE CLAUDIUS FERNET** Blossoms are clear sun-flower yellow with long buds. Thrifty grower; bright shiny green foliage.

**YELLOW SASTAGO.** A sport of the vigorous Condesa de Sastago. Has suffusion of orange with yellow background on buds and opening flowers, changing to more clear yellow upon blooming.

### **PINK SHADES**

**BETTY UPRICHARD.** Center petals a rich salmon pink to carmine; outer petals are carmine with coppery shadings suffused orange.

**DAME EDITH HELEN.** One of the largest and most perfectly formed pink roses known; glowing clear pink color on strong stems.

**EDITOR McFARLAND.** Fine shapely buds opening to double balanced flower; color is solid deep brilliant pink; blossoms freely.

**MISS ROWENA THOM.** Very large buds and blooms of bright pink shaded with old gold at the center, borne on long, strong stems. Vigorous grower and profuse in bloom.

**PICTURE.** A picture both in form and color. Beautiful buds open into medium size pink blossoms with warm salmon undertone.

**PINK DAWN.** Deep rose pink lightly toned with salmon-rose. Perfectly formed buds and blooms.

**RADIANCE PINK.** This is a fine all-around garden rose of brilliant rose-pink; vigorous and prolific; consistent performer.

## WHITE SHADES

**ALICE STERN.** A highly regarded white rose. Perfectly formed buds open to large flowers tinted ivory at base. Thrifty grower.

**CALEDONIA.** Long buds of ivory change to purest white as the flowers open into large, double blooms.

**K. A. VICTORIA.** A most popular white rose. Bears many large creamy white, perfectly formed flowers; very fragrant.

**MME. JULES BOUCHE.** Not a mammoth rose, but ideal in form of bud and flowers. A slight flush of pink shows in center of opening buds, the entire flower maturing to pure white. Fragrant.

## BICOLOR and BLENDED SHADES

**CONDESA de SASTAGO.** A new variety with rare attractive color. Bears quantities of double flowers; petals are distinctly two-toned, deep coppery pink on inside and golden yellow outside. Vigorous, bushy.

**DUQUESA de PENARANDA.** Beautiful blend of apricot-orange and dark pink, opening to splendid blooms of coppery apricot. A marvelous rose of distinct color.

**EDITH NELLIE PERKINS.** Buds long and pointed, outside of petals cream and blush shaded with orange; inside of petals salmon-pink with golden orange base.

**MME. JOSEPH PERRAUD.** High-centered, perfectly formed buds and double blooms that shade from shell-pink at the edges to buff and orange in the center. An upright grower with long-stemmed blooms. A 1934 Gold Medal winner.

**PRES. HERBERT HOOVER.** Large flowers of a very charming combination of cerise-pink, flame, scarlet and yellow with pink shade dominant; broad thick petals; fragrant.

**TALISMAN.** Brilliant red and gold buds, opening to well shaped blooms of glowing yellow stained with copper-red and orange-rose on inside of petals.

## RED SHADES

**AMERICAN BEAUTY.** Flowers are large and full, deep pink shaded soft carmine. Although not as profuse throughout the season as other roses in the ever-blooming class, it is more vigorous and an old favorite.

**AMI QUINARD.** Blackish crimson buds; semi-double flowers of dark maroon-red. A popular "black" rose.

**CHRISTOPHER STONE.** Brilliant sparkling scarlet-crimson. Shapely long pointed buds open into large attractive flowers with true old damask rose fragrance.

**E. G. HILL.** One of the finest red roses. Long buds, high centered full double flowers; dazzling scarlet maturing to deeper pure red.

**ETOILE DE HOLLAND.** Brilliant red blooms of magnificent size, perfect in half-open state, showing clean, attractive centers when open; fragrant.

**GRENOBLE.** Always an attraction in our display garden. Plant is vigorous and blooms come on long stems. Buds are crimson but double open flower is brilliant red, almost scarlet.

**HADLEY.** Large, double, well formed flowers of deep rich crimson.

**MARGARET McGREDY.** Large ovoid buds open into double cupped flowers of solid orange-vermillion shading to very deep pink; very profuse with heavy crops of flowers.

**McGREDY'S SCARLET.** Brilliant scarlet blooms shading to orange-yellow at base of petals; long pointed buds.

**POINSETTIA.** One of the most brilliant shades in red roses, referred to as Poinsettia-scarlet in color. Has long pointed buds, nicely petaled; bush is vigorous and prolific in bloom.

**RED RADIANCE.** This is the bright rosy-red form of Pink Radiance.

**ROUGE MALLERIN.** Exceptionally fine deep red rose of the most intense coloring with the texture and luster of velvet. Holds its color exceptionally well. Fragrant.

## PATENTED AND SPECIAL ROSES

All varieties listed below are the Hybrid Tea ever-blooming bush roses. Each is offered here for its individual distinction; the majority of these have received American Rose Society Awards (AARS).

**CAPISTRANO.** (Pat.) AARS for 1950. Rich shade of deep glowing rose pink both in bud and open flower with practically no fading through life of flower. Large buds and blooms and strong stems. Rich heavy lasting fragrance. Each \$2.50.

**CHARLOTTE ARMSTRONG.** (Pat.) AARS. Long slender blood-red buds open to magnificently brilliant spectrum red to cerise flowers that attract attention in any rose planting. Each \$1.50.

**COUNTESS VANDAL.** (Pat.) Very long and graceful buds opening slowly to beautiful high centered flowers of coppery bronze and pink suffused with gold and salmon. Each \$1.35.

**CRIMSON GLORY.** (Pat.) Consistently tops among red patented roses. Large urn-shaped buds open to fragrant flowers of intense, deep vivid crimson shaded with deeper red, and mellowed with soft velvety nap. Vigorous in growth and generous in blooms. Ea. \$1.35.

**FORTY-NINE.** (Pat.) AARS awards for 1949. Brilliantly hued bi-color; colors contrast brilliantly, yet combine beautifully. Inside of petals are vivid Orient-Red, while outside is Chrome-Yellow changing to softer yellow. Long buds and well shaped blooms. Each \$2.00.

**HEART'S DESIRE.** (Pat.) Long unfurling petals of pure even shade of luminous red, holding color and shape remarkably well. Exceptionally fragrant; plants vigorous and prolific. Each \$1.50.

**MIRANDY.** (Pat.) All-American winner 1945. Strong plant producing deep maroon red blooms with deeper shading; long pointed ovoid buds. Beautiful in form and long lasting. Sweetly fragrant. Each \$1.50.

**MISSION BELLS.** (Pat.) AARS for 1950. Deep glowing salmon opening to clear shrimp pink color. Pointed buds open to high centered very large beautiful blooms. Vigorous grower with good foliage. Each \$2.50.

**MME. CHIANG KAI-SHEK.** (Pat.) AARS. Good sized long pointed buds opening into high-centered bloom on long stems. Color lemon yellow, maturing lighter. Few thorns; upright growth. Each \$1.50.

**MME. HENRI GUILLOT.** (Pat.) A highly regarded rose. The vivid orange-red buds open to very large camelia-like flowers of rich raspberry pink with a golden suffusion of rich fragrance. Luxuriant glossy foliage. Each \$1.50.

**NOCTURNE.** (Pat.) AARS for 1948. Bright cardinal red with dark shadings of crimson. Large petals have good substance and rich texture. Pleasantly fragrant. Each \$1.50.

**PEACE.** (Pat.) A masterpiece, winning the highest score ever given a new rose in the 1946 All American Rose Award! Greatest charm is in changing panorama of color. Large ovoid buds are rich gold, edged cerise; as outer petals unfold, the gold changes to canary to pale gold and iridescent cream; cerise edge deepens and becomes broader as flower slowly opens to glorious 5 inch blooms. Excellent foliage and vigorous growth. Price now reduced to \$2.00 each.

**PINOCCHIO.** (Pat.) AARS. Introduced as a Polyantha. A hardy plant producing an abundance of pointed buds of salmon-flushed gold, opening to miniature hybrid-tea like roses of soft clear pink and in clusters. Each \$1.25.

**SAN FERNANDO.** (Pat.) AARS for 1948. Large, long pointed buds open to magnificent high centered flowers of glowing currant-red, changing to bright glowing scarlet. Pronounced fragrance. Each \$2.00.

**TAFFETA.** (Pat.) AARS for 1948. Rich carmine rose in the bud, changing to Begonia-Rose in open flower; reverse of petals yellow. Good sized buds perfectly formed; open flower has petals of good texture. Each \$1.50.

**TALLYHO.** (Pat.) AARS for 1949. A bright color with mild contrast. The inside of petals is varying but delightful and unique shade of pink; outside of petals is a rich crimson. The buds are deep Cardinal-Red. Long-stemmed blooms open slowly and last exceedingly well due to heavy substance. Very large when fully opened, of excellent form, and with spicy fragrance. Each \$2.00.

**TEXAS CENTENNIAL.** (Pat.) Hoover sport; vigorous. Bright vermillion red with light tone of gold at base. Petals lighter red at center, gradually toning to deep rich pink as bloom ages. Each \$1.25.

**THE DOCTOR.** Large beautiful buds expand to enormous blooms of exquisite silvery pink, with intense rose fragrance. Plant does not grow tall, but each flower is a remarkable event. Each \$1.25.

**WILL ROGERS.** (Pat.) Dark velvety-crimson maroon; double, free bloomer; dark green foliage. Ea. \$1.25.

#### POLYANTHA AND FLORIBUNDA ROSES

These will outbloom anything in the rose family all summer long. Very desirable for landscape effect in solid beds, borders, or colorful highlights in the foundation planting; plants have thrifty growth habit. Cameo and Gloria Mundi, the baby flowering type, are compact, hardly exceeding 18 inches; the others are Floribunda type, averaging taller and with larger 2 to 3 inch bloom.

**Price ea. \$1.15; ten, \$10.50 (Except as otherwise noted.)**

**CAMEO.** Lively and clear shades of shell pink and salmon with a glow of gold; quantities of small double roses in clusters.

**GLORIA MUNDI.** Produces a generous bright display of orange-scarlet flowers all summer that resist fading. Very similar to Cameo except for color.

**BETTY PRIOR.** (Pat.) Produces succession of fragrant blossoms; outside of petals dark pink and inside of petals lighter in very pleasing array. Each \$1.25.

**DONALD PRIOR.** (Pat.) Free flowering, with semi-double bright scarlet blooms flushed crimson; fragrant. Very striking color in Floribunda group. Each \$1.25.

**DAGMAR SPAETH.** Large trusses of white flowers produced freely all summer on medium height bushes.

**ELSE POULSEN.** Flowers medium size, semi-double, lasting, bright rose pink. Continuous blooming from summer to late fall on erect thrifty plants.

**EUTIN.** Even strangers will ask you the name of it. Very striking double rich red flowers produced with Floribunda abundance on vigorous mildew resistant bush.

**FASHION.** (Pat.) AARS for 1950. Brilliant luminous coral flowers overlaid with gold, opening with wavy graceful petals. All season bloom, singly and in clusters. Each \$2.00.

**FLORADORA.** AARS. Fascinating Cinnabar color shaded scarlet and geranium red. Double vigorous bushes. Each \$1.25.

**IMPROVED LAFAYETTE.** Medium sized deep glowing red flowers suffused with vivid crimson. Blooms profusely, flowers of rose crimson.

## Climbing Roses

**AMERICAN BEAUTY CLIMBER.** Large double flowers of rose crimson. Each \$1.10.

**VAN FLEET Jr.** An exceptional climbing rose that produces a fine display of double flesh pink blossoms on long stems through June, and then as the summer goes along, new buds and flowers continue until frost. The foliage is also distinct in its crisp shiny dark green background for the blossoms. Each \$1.50.

**PAUL'S SCARLET.** For brilliant color this rose is unsurpassed. Produces clusters of semi-double vivid dazzling red blooms. Each \$1.10.

**MME. GREGOIRE STAECHELIN.** Strong grower with large healthy foliage. Long pointed buds are crimson at tips, and upon opening, outer petals show splashes of carmine and glowing pearl-pink inside; fragrant. Each \$1.00.

**BLAZE.** (Pat.) Popular climber with double scarlet-crimson blooms similar to Paul's Scarlet; however some bloom is produced on two year wood after the main June crop. Each \$1.50.

**DOROTHY PERKINS.** Beautiful shell-pink flowers are borne in large clusters of small double blooms; sweet scented. One of the thriftiest of standard climbers. Each 90c.

**DOUBLELOONS.** (Pat.) Yellow climber of Setigera parentage. Good size cub-shaped saffron yellow flowers produced over a long blooming period. Each \$1.50.

## Shrub and Rugosa Roses

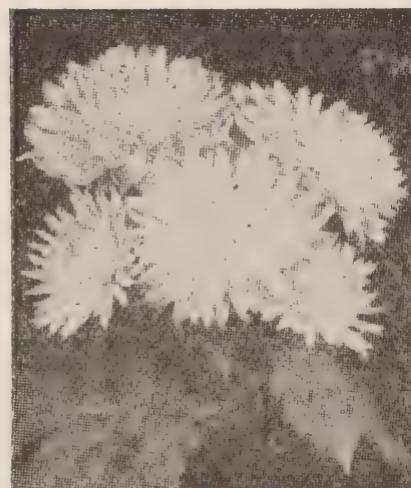
**HANSA RUGOSA ROSE.** has large red blossoms with violet tinge that appear intermittently all summer. Does not freeze back; can be used as a shrub, growing to about 4 feet; has attractive dark green foliage. 2 yr. No. 1 plants, each \$1.10; \$10.00 per ten.

### AUSTRIAN COPPER

The brilliant shrub rose that is loaded with sprays of brilliant single blossoms in June—orange-red with yellow on the outside of the petals. Grows to 5 to 6 ft. height, is very hardy over our region. Can be used as a shrub; does not freeze back. Two year Select size, each \$1.50.

**HARRISON'S YELLOW.** The charming old favorite hardy yellow bush rose you have seen blooming in dooryards about Decoration Day. Bears semi-double bright yellow flowers profusely on about a five foot bush. Two year Select size, each \$1.35.

## NEW HARDY CHRYSANTHEMUMS



*An added month of flowers now makes Indian Summer a most colorful season of Chrysanthemums*

The varieties here listed have consistently reached mature blooming season here at Loveland where the first light frosts are expected about Sept. 21, and hard frosts conclude the mum season about Oct. 21. Chrysanthemums are resistant to light frosts. The Chey-

enne, Wyo., Horticultural Field Station (6100 ft. alt.) has grown many of these varieties and introduced following varieties indicated as U. S. D. A. We suggest varieties according to altitudes as follows: From 6500 to 8,000 feet—Ann Miller, Pink, Bronze and Yellow Cushion, White Gull, Pygmy Gold, Manantico; from 5,500 to 6,500 feet—most any variety blooming in September or earlier; less than 5,500 feet—all varieties in this list.

Height of plants when in bloom is stated after each variety. This is for comparison and will vary depending on location, soil, watering. Plants usually grow a little taller the second year.

### Cushion Type Mums

Make low plants, broader than tall, covered with solid mass of flowers in full bloom. Pink Cushion and its relatives are also advertised as "Azaleamums."

**AMELIA** or "**PINK CUSHION.**" A "cushion of flowers in masses from August into October; broad dwarf mounds 12 to 16 inches high completely covered with masses of pink flowers. Each 40c; 3 for \$1.10; per doz. \$4.00.

**BRONZE CUSHION.** Same type and habit as "Pink" Cushion" except color, which is deep bronze turning to coppery yellow. Each 40c; 3 for \$1.10; per doz. \$4.00.

**YELLOW CUSHION.** Same type and habit as "Pink Cushion," but yellow flowers. Each 40c; 3 for \$1.10; per doz. \$4.00.

**PINK TIDE.** (12-15 in.) Deep bright pink 2½ inch single flowers start blooming in September with succession of flowers opening higher on plant until the broad surface is a blanket of solid pink about Oct. 1. Cushion type plants often 3 ft. across and with several hundred blooms the first year. Each 40c; 3 for \$1.10; per doz. \$4.00.

**SANDRA.** (12-15 in.) Recent variety of Amelia extraction of similar free flowering dwarf habit. Striking crimson with rust suffusion. Uncommon color in cushion varieties; very popular with our visitors. Late Sept. Each 40c; 3 for \$1.10; per doz. \$4.00.

**WHITE GULL.** (12 in.) Baby Pompon of compact low growth producing quantities of small rounded one-inch white button mums. Starts blooming early, late Aug., and continuing long thereafter. Each 40c; 3 for \$1.10; per doz. \$4.00.

**YELLOW MOUND.** (10 in.) Makes a beautiful neat charming plant in half sphere mound which is surrounded by solid covering of double rich yellow blossoms in September. Each 50c; 3 for \$1.40; per doz. \$5.00.

### Semi-Dwarf and Larger Cushion Types

These are characterized by an extremely generous display of flowers on bushy plants for mass garden display.

**ANN MILLER.** (16 in.) Early variety, nearly a cushion type, in full color in late Aug., continuing for long period. True autumn tints in 2½ inch flowers of deep russet or orange red. Each 40c; 3 for \$1.10.

**ARAPAHOE.** (16 in.) U. S. D. A. Indescribable autumn colors, being a blend of bronze, yellow and reddish orange. Up to 200 open flowers on plant in full bloom. Two inch blossoms are semi-double. Plant low to medium in height. Early Sept. Each 40c; 3 for \$1.10.

**BUTTERBALL.** (16 in.) Compact plant flowering profusely on moderately long stems. Double 2½ inch blossoms of dark lemon-chrome with slightly darker shadings in center in cooler weather. Full bloom in Sept. Each 50c; 3 for \$1.40.

**DEANNA.** (14 in.) Neat bushy plant with nice covering of 1½ inch pompon flowers. Color is lively bronzy red reverse of petals orange. September. Each 40c; 3 for \$1.10.

(CHRYSANTHEMUMS, Continued

**DELUXE RED CUSHION.** (18 in.) Has "Azaleum" type of double blossoms and mound-like growth habit; slightly more robust in size. Color is really a definite red much sought after in a cushion type. Early October. Each 50c; 3 for \$1.40.

**JUDITH ANDERSON.** (16 in.) Formal appearing bushy plant whose surface is a gleaming mass of yellow composed of many  $1\frac{1}{4}$  inch pompon blooms. Early October. Each 40c; 3 for \$1.10.

**LAVENDER LASSIE.** (15 in.) Appealing low variety with numerous dainty lavender-pink pompon blooms of about  $1\frac{1}{2}$  inch diameter. Ea. 50c; 3 for \$1.40.

**MANANTICO.** (16 in.) U.S.D.A. Single  $2\frac{1}{4}$  inch flowers. Petals open a Shoenfeld purple on inside and rosaline pink on back side; bright yellow disc in center. Very colorful in garden. Early September. Each 40c; 3 for \$1.10.

**MY LADY.** (18 in.) Fully double large blossoms in beautiful orange-yellow tone produced in profuse generous display. Sept. Each 50c; 3 for \$1.40.

**OGALLALA.** (24 in.) U.S.D.A. Has spread of  $2\frac{1}{2}$  feet, giving general effect of tall cushion type. Buds open a deep red, open flowers graduating to rosaceous surrounding yellow disc. Semi-double  $1\frac{1}{2}$  inch flowers. Extremely prolific with 500 to 700 flowers. September. Each 40c; 3 for \$1.10.

**OSAGE.** (16 in.) U.S.D.A. Unusual delicate two-tone effect is created by pale lavender tips on white petals, the center of flower being creamy white, a soft combination of lavender and cream. As many as 150 fully double  $2\frac{1}{2}$  inch flowers. Sept. Ea. 40c; 3 for \$1.10.

**PYGMY GOLD.** (15 in.) A dwarf pompon with steady succession of 1 inch golden yellow blooms from August till hard frosts. Each 40c; 3 for \$1.10.

**POCATELLO.** (16 in. U.S.D.A. Early double  $2-2\frac{1}{2}$  inch flowers. White with slight tinge of pink giving effect of blush color. Early Sept. Ea. 40c; 3 for \$1.10.

**SANTA CLAUS.** (24 in.) Not a real Cushion but grows in a broad mound bearing many rich red blooms. Flowers large,  $2\frac{1}{2}$  inches across, almost double. Very showy and frost resistant. Late Sept. Each 40c; 3 for \$1.10.

**SEPTEMBER BRONZE.** (15 in.) The warm bronze and golden-bronze tints of autumn are beautifully reflected in very low shapely  $1\frac{1}{2}$  inch pompon. Plant has broad outline and very colorful from Sept. on. Each 40c; 3 for \$1.10.

**SONIA.** (16 in.) Unusual color of rich purple; quantities of two inch double flowers make an appealing display on bushy plants. Early October. Each 40c; 3 for \$1.10.

### Intermediate and Taller Mums

With these, the flower itself is the main feature, and are prized as cut flowers. Also given highest regard in the garden for their individuality and beauty.

**ALGONQUIN.** (24 in.) Deep rich lemon yellow double flowers. Petals mostly ray florets. Good stems for cutting. U.S.D.A. Each 40c; 3 for \$1.10.

**AVALANCHE.** (18 in.) The finest white we have yet encountered for garden planting. Choice large 4 inch flowers, richly double. Has soft creamy center until it becomes fully extended pure white bloom. September. Each 50c; 3 for \$1.40.

**CALIPH.** (30 in.) Deepest velvet red that is beautiful in contrast with lighter color. Double pompon-like flowers. October. Each 40c; 3 for \$1.40.

**CHIPPEWA.** (22 in.) Minnesota introduction of striking aster like purple.  $2\frac{3}{4}$  inch blooms. Double to semi-double. Sept. Each 50c; 3 for \$1.40.

**EARLY BRONZE.** (16-20 in.) Hardy pompon usually in full bloom around Sept. 20. Very attractive compact orange-bronze flowers. Each 40c; 3 for \$1.10.

**EARLY WONDER.** (24 in.) Round pompon flowers which on first opening are delicate pink blending to peach blossom pink when fully open. Late Sept. Each 40c; 3 for \$1.10.

**EDGAR A. GUEST.** (18-20 in.) Long blooming variety with appealing rich color of deepest fall tones. Two inch flowers open a very dark bronzy red with gradual mellowing color as the flowers mature. Late September. Each 40c; 3 for \$1.10.

**EMBER.** (24-30 in.) Brilliant glowing bronze, a combination of coral and orange shades; very double 2½ inch flowers. October. Each 40c; 3 for \$1.10.

**EUGENE A. WANDER.** (18 in.) Large sparkling golden flowers, perfect in form, practically cover the plants during the early part of the 'mum' season, about mid-September. Each 50c; 3 for \$1.40.

**GLACIER.** (20 in.) Mass of large pure white double flowers in loose clusters coming into full bloom during Sept. Each 50c; 3 for \$1.40.

**HARBINGER.** (20 in.) Deep primrose yellow with bronze shadings; 2½ inch double blossoms on nicely proportioned plants. Late Sept. Each 40c; 3 for \$1.10.

**INDIAN SUMMER.** (28 in.) Large double glowing bronze which is very attractive. Blooms mid-October, but rather frost resistant. Each 40c; 3 for \$1.10.

**JASPER SPOON.** (24 in.) Delicate and novel petal formation wherein petals are tubular at the base, opening into flattened "spoon" effect toward the ends. Color is bright bronze-red overtone on a brilliant gold relief; flowers double. Sept. Each 50c; 3 for \$1.40.

**ORCHARD SPOON.** (24 in.) Spoon type of very charming, intriguing effect in a double orchard-pink lasting flower. Sept. Each 50c; 3 for \$1.40.

**YELLOW SPOON.** (24 in.) Attractive lemon-yellow form of the spoon type. Each 50c; 3 for \$1.40.

**JEAN TREADWAY.** (18 in.) Double 2½ inch flowers of soft pink with deep pink center. Early Oct. Each 40c; 3 for \$1.10.

**KING MIDAS.** (30 in.) Soft golden yellow with occasional light bronze shading; good sized blooms. Vigorous grower. Sept.-Oct. Each 40c; 3 for \$1.10.

**KRISTINA.** (20 in.) Sturdy Northland Daisy hybrid with 2½ inch single flowers of crimson-pink. October. Each 40c; 3 for \$1.10.

**LAVENDER LADY.** (24-30 in.) Pure distinct silvery lavender of a most pleasing shade. Full, double 3 inch blossoms. Early Oct. Each 50c; 3 for \$1.10.

**LORELIE.** (18 in.) Beautiful double flowers of glowing yellow; blossoms of excellent shape and 3 inch size. Sept. Each 40c; 3 for \$1.10.

**MANDALAY.** (20 in.) Semi-pompon type in a brilliant orange bronze color; neatly formed blossoms are carried on profusely branched sprays. Early October. Each 50c; 3 for \$1.40.

**MRS. PIERRE S. DUPONT.** (24 in.) Dominant shade is soft peach tinted with rosy-salmon and fawn shades; large, full, perfectly formed flowers carried on sturdy stems. Early October. Each 50c; 3 for \$1.40.

**NASHUA.** (18 in.) Dark bronze 1½ inch pompon mellowing to lighter warm bronze tone. Starts blooming about mid-September. Each 50c; 3 for \$1.40.

**NORMANDY.** (20 in.) Soft blend of creamy white and light blush pink; 2 inch double flowers. Early Sept. Each 40c; 3 for \$1.10.

**POHATCONG.** (18 in.) Double 2¼ inch flowers. Outer ray petals have a white face, edged and streaked hermosa pink with reverse white. General effect is pink with white frosty interior. Late Sept. U.S.D.A. Each 40c; 3 for \$1.10.

**POLAR ICE.** (18 in.) Glistening, clear, pure white blossoms with no trace of cream; flowers are double of good size borne on sturdy stems. Sept. Each 50c; 3 for \$1.40.

(CHRYSANTHEMUMS, Continued)

**REDGOLD.** (20 in.) Very fine blending of red and gold, giving a bright orange-bronze effect. Pompon type, about  $1\frac{1}{2}$  inch flower. Late September. Each 50c; 3 for \$1.40.

**REDHAWK.** (18 in.) Deep bronze-red, 2 inch double flowers. Starts blooming about mid-September. Each 50c; 3 for \$1.40.

**RED VELVET.** (24 in.) Admirable new double mum of rich velvety crimson freely produced on upright plants. Early October. Each 50c; 3 for \$1.40.

**ROSZIKA.** (20 in.) Shapely, very double  $2\frac{1}{2}$  to 3 inch blossoms of pink with faint suggestion of salmon shading. Sept.-Oct. Each 40c; 3 for \$1.10.

**RUTH HATTON.** (24 in.) Pure white medium size fully double pompon blossoms fairly cover the plant. Early October. Each 40c; 3 for \$1.10.

**R. M. HATTON.** (24 in.) Identical with Ruth Hatton except color which is bright canary yellow. Early October. Each 40c; 3 for \$1.10.

**SEMINOLE.** (18 in.) Double white 2 inch flowers that open with a creamy center. U. S. D. A. Sept. Each 40c; 3 for \$1.10.

**SEPTEMBER DAWN.** (24 in.) A bright, lively pink retaining an even depth of color over a long period. Shapely  $2\frac{3}{4}$  in double blooms. Late Sept. Each 40c; 3 for \$1.10.

**SONNY BOY.** (16-20 in.) Golden yellow sport of the popular pompon Early Bronze. Habit in every way identical with parent. Sept. Each 40c; 3 for \$1.10.

**TASIVA.** (16-18 in.) Beautiful  $2\frac{1}{2}$  inch double white blooms with delicate creamy center. Very profuse. Sept. Each 40c; 3 for \$1.10.

**THE MOOR.** (24 in.) Brilliant amaranth-crimson; a rich intense color. Double  $2\frac{1}{2}$  inch flowers. Oct. Each 40c; 3 for \$1.10.

**UINTA.** (20 in.) U.S.D.A. In full harmony with the deep red and gold bronze shades of autumn. Semi-double  $2\frac{1}{4}$  inch flowers are rich bronzy red upon opening, assuming nicely blended lighter tawny shades while maturing. Sept.-Oct. Each 40c; 3 for \$1.10.

**VIVID.** (24-30 in.) Well named by its bright rose-crimson color; double  $2\frac{1}{2}$ -3 inch flowers. October. Each 40c; 3 for \$1.10.

## ENGLISH MUMS

This new strain has flowers that average much larger than the majority of the hardy garden varieties. By disbudding all but the main blossoms, maximum size can be attained as much as 5 or 6 inches in diameter. After testing a large number of English varieties, we have selected out a limited number that have survived three winters satisfactorily, and that start blooming about Sept. 20, continuing into October.

**ALABASTER.** (24 in.) Large white blossoms, slightly incurved: 4 to 5 inch blossoms without disbudding. Each 50c; 3 for \$1.40.

**DAILY EXPRESS.** (20 in.) Opens as an orange-bronze-red shade maturing to soft glowing orange-yellow with yellow glow in center,  $3\frac{1}{2}$  to 4 inch blooms without disbudding. Each 50c; 3 for \$1.40.

**GOLD STANDARD.** (28 in.) Fine large deep yellow with slightly incurved petals. 4 to 5 in. blooms without disbudding. Each 50c; 3 for \$1.40.

**HECTOR.** (22 in.) White; center petals decidedly incurved surrounded by nicely arranged outer petals. 3 inch blooms without disbudding. Ea. 50c; 3 for \$1.40.

**MRS. E. PATTIE.** (20 in.) Interesting shade of terra-cotta red with gold reverse; rather broad incurving petals. Attains about  $3\frac{1}{2}$  inch size without disbudding. Late Sept. Each 50c; 3 for \$1.40.

**ORANGE GLOW.** (24 in.) A beautiful blend of orange bronze with gold on the reverse side of petals. Very compact  $2\frac{3}{4}$  inch blossoms without disbudding. Early Oct. Each 50c; 3 for \$1.40.

**REVELLER.** (22 in.) Striking 3 inch blossoms of glowing orange-red with gold center. Late Sept. Each 50c; 3 for \$1.40.

## U. S. D. A. Chrysanthemums

Developed and introduced in 1948 by the CHEYENNE HORTICULTURAL EXPERIMENT STATION where hardiness is a foremost consideration together with fine garden effect.

**ARIKARA.** Early, reddish-bronze cushion type with 2½ to 3 inch semi-double flowers borne in profusion, remaining attractive a long time. Comes into bloom in early September. Adapted to Northern Plains and Prairies, also to short season of Central Plains and Rocky Mountain region. Each 55c; 3 for \$1.50.

**DAKOTA.** Double bronze flowers, 1¼ inches in diameter, and borne in profusion on cushion type plant 15 inches high. Early. Adapted to northern states and the high altitudes of the Central Plains and Rocky Mountain region. Each 55c; 3 for \$1.50.

**FLICKA.** A dwarf cushion, starting to flower profusely about mid-September on compact plants 15 inches high and 20 inches broad. Flowers are an interesting bronze with rose tints; shape pompon-like, almost entirely double about 1¼ inches in diameter. Adapted to Southern Canada, Northern and Central Plains. Each 55c; 3 for \$1.50.

**HIDATSA.** Really red, double compact 1½ inch blossoms on a dwarf cushion plant. At Cheyenne, Wyo., it is in full bloom by Sept. 25; however it blooms at various later dates in lower, warmer sections. Particularly suggested above 5000 feet in the Rocky Mountain and Plains region and northern latitudes. Each 55c; 3 for \$1.50.

**L.T. BECKNER.** Has 3 to 4 inch double frost resistant flowers of reddish bronze color. Blossoms are of shaggy form with interesting whorl in center petals. Upright in habit, growing about 24-30 inches tall. Starts blooming about Sept. 15. Adapted generally over Northern and Central Plains. Ea. 55c; 3 for \$1.50.

**WAKU.** Double pure white flowers of 2½ to 3 inch diameter on stems about 24 inches high. Distinctive petal formation and rich dark green foliage make this plant stand out. Mid Sept. Best adapted in lower elevations of Central Plains. Each 55c; 3 for \$1.50.

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## SEPTEMBER ROSE

New Kroh Bros. chrysanthemum introduction for 1950. Early—Hardy—profuse—long lasting blossoms on plant. Double blossoms of 2½ to 2¾ inch size open attractive rose pink color, becoming softer pink with tint of salmon shading; flowers last for very long period. Starts in early September and blooms out entirely within same month. Flowers produced freely in clusters on about 21 inch plant; good stems. Dependable. Each 75c; 3 for \$2.00.

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**ASPENGOLD.** Originated by Kroh. Bros. and introduced in 1948. Opening semi-double blossoms are rich golden yellow with blending orange shades. As the flowers expand to 2½-3 inch diameter, the color becomes a uniform rich permanent tone. Profuse in bloom, the plants become a blanket of rich, pure gleaming gold in September. Each 55c; 3 for \$1.50.

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## Perennials

Perennial flowers come up year after year without having to set plants every spring.

Prices of perennials, unless otherwise indicated, 35c each; \$3.00 per ten.

**BLEEDING HEART.** (2 ft.) The ever popular plant with pink heart shaped flowers on graceful branching stems. May-June. 3 to 5 eye roots, each 85c.

**COLUMBINE.** Mrs. Scott Elliott Hybrids. (2 ft) Beautiful long spurred flowers in a variety of pastel colors. June-July.

**DELPHINIUM belladonna.** (4 ft.) Long spikes of clear turquoise blue; blooms from June till frost if first spikes are cut.

**DELPHINIUM belladonna.** (4 ft.) Habit of growth much like Belladonna, but flowers dark blue.

**DELPHINIUM HYBRIDS.** Large flowers of varied blue pastel shades. Each 40c; per 10 \$3.50.

**PYRETHRUM.** Painted Daisy. (18 in.) Daisy-like flowers in various shades of pink, fern-like foliage; May-June.

**SCABIOSA cancasica.** "Pin Cushion Flower." (2ft.) Charming 2½ inch lavender-blue flower on long cutting stems from June to Sept.

**SHASTA DAISY.** Large snow-white flowers, blooming over long season.

**REGAL LILY.** The very popular white trumpet lily shaded pink and gold. June-July. Large bulbs. Each 40c; \$3.50 per 10.

### Hardy Phlox

This group of perennials is rich in gay color from July on; fragrant.

**ANNIE LAURIE.** Rich deep salmon flowers borne on large trusses. Plant growth vigorous. Each 40c.



**DAILY SKETCH.** Extra large trusses, large florets of light salmon pink; faint carnation eye. Each 40c.

**LEO SCHLAGETER.** Brilliant glowing scarlet flowers in rich full trusses. One of the best red Phlox in existence. Each 40c.

**LILLIAN.** Pure pink without any shadings of magenta or rose. Large florets and large flower heads. Each 40c.

**MARY LOUISE.** White Phlox highly regarded. Large flower heads and large individual florets of pure white. Each 40c.

### Peonies

For customers wishing to plant peonies this spring, we have specially provided for strong roots for spring planting. Additional varieties are available in the fall when plants can be taken directly from field.

**AVALANCHE.** Large pure white blooms with high full centers. Late midseason. Each, \$1.00.

**EDULIS SUPERBA.** Earl double blooms of delightful pure deep pink; rich rose fragrance. Each 90c.

**FELIX CROUSSE.** An always popular full double variety of bright ruby red color. Midseason. Each 90c.

**MARY BRAND.** Deep red of great brilliancy; considered one of the best red peonies. Midseason. Each \$1.00.

**MME. EMILE GALLE.** Neat fully double white blossoms. Midseason. Each 90c.

**RIENE HORTENSE.** Large double blooms of rose pink flecked with crimson. Mid-season. Each 90c.

**VENUS.** Compact hydrangea-pink blooms in broad cup-shaped form. Midseason. Each 90c.

**PINK and WHITE PEONIES.** Special offer that are identified as to color but not labelled as to name of variety. Each 75c; 3 for \$2.00.

**ORDER SHEET**

# KROH BROTHERS NURSERIES

## LOVELAND, COLORADO

Date \_\_\_\_\_

Name \_\_\_\_\_

R. F. D. or Street \_\_\_\_\_

Post Office \_\_\_\_\_ State \_\_\_\_\_

Ship to \_\_\_\_\_

If shipment is to arrive at different destination

Ship when \_\_\_\_\_

By Parcel Post \_\_\_\_\_ Express \_\_\_\_\_ Freight \_\_\_\_\_

Amount enclosed \$\_\_\_\_\_

For more information about the study, please contact Dr. John Smith at (555) 123-4567 or via email at [john.smith@researchinstitute.org](mailto:john.smith@researchinstitute.org).

Information regarding shipping, etc., on page inside front cover.

If necessary substitute with nearest smaller ( ) or larger ( ) sizes of the same variety; or substitute with a similar variety of a similar size ( ). Please check (X) your preference. See other side.

We prefer not to substitute and will not do so without the customer's permission. However the demand of some items at times exceeds expectations before the end of the season.

If you have approved substitution on the other side of this order sheet we shall use such size or variety that comes nearest if we happen to be out of your preference. Where larger alternate size is approved a net difference will be charged; likewise any difference due customer will be refunded. Where there is no suitable substitute, or if you have not instructed us to substitute, the full amount of any item not in stock will be refunded.

All stock is offered subject to supply and items are reserved in the rotation in which orders are received.

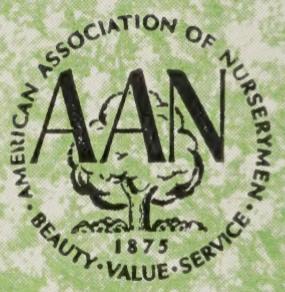
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## Booklet on Home Landscape Improvement

A booklet entitled "Home Grounds Sketch Book" with illustrations and diagrams, contains much in the way of authentic information and suggestions for landscaping of city and country homes. A free copy will be furnished on request.



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